

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| L1 | 68 | (US-6744516-\$ or US-5105651-\$ or US-5129257-\$ or US-5184017-\$ or US-5210702-\$ or US-6900893-\$ or US-5246868-\$ or US-5306913-\$ or US-5319199-\$ or US-5332901-\$ or US-5343043-\$ or US-5371367-\$ or US-5373160-\$ or US-5386373-\$ or US-5401967-\$ or US-5418366-\$ or US-5451787-\$ or US-5489777-\$ or US-5719396-\$ or US-5726450-\$ or US-5731510-\$ or US-5753185-\$ or US-5773828-\$ or US-5498872-\$ or US-5572424-\$ or US-5583765-\$).did. or (US-5589629-\$ or US-5591975-\$ or US-5252828-\$ or US-5621166-\$ or US-5644133-\$ or US-5693872-\$ or US-5831267-\$ or US-4479057-\$ or US-4501968-\$ or US-6396056-\$ or US-6833922-\$ or US-4795253-\$ or US-4924095-\$ or US-4990780-\$ or US-4390785-\$ or US-4480191-\$ or US-4678914-\$ or US-4490043-\$ or US-5060505-\$ or US-4818705-\$ or US-5099680-\$ or US-4544273-\$ or US-3743426-\$ or US-3908167-\$ or US-4829183-\$ or US-3696247-\$ or US-3957372-\$).did. or (US-4810884-\$ or US-4560873-\$ or US-4663961-\$ or US-4719360-\$ or US-4746218-\$ or US-4765961-\$ or US-3593023-\$ or US-3958122-\$ or US-4999498-\$ or US-5877862-\$ or US-4998017-\$ or US-5811812-\$ or US-5621213-\$ or US-6560545-\$).did. or (US-4420687-\$).did. | USPAT; USOCR | OR | ON | 2006/07/22 17:10 |
| L2 | 137852 | "250"/\$7.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:11 |
| L3 | 6043 | 2 and infrared and gas | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:12 |
| L4 | 55 | 3 and scan\$4 adj detector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:20 |
| L5 | 20 | 3 and (move or movable) adj detector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:13 |
| L6 | 6043 | 2 and infrared and gas | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:12 |
| L7 | 20 | 6 and (move or movable) adj detector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:13 |
| L8 | 55 | 6 and scan\$4 adj detector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:25 |

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| L9 | 55 | 6 and scan\$4 adj detector and scan\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:28 |
| L10 | 1 | gagliardi.xa. and carpet | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:32 |
| L11 | 167038 | gas near4 (analy\$4 or concentrat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:35 |
| L12 | 14094 | gas near4 (analy\$4 or concentrat\$4).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:35 |
| L13 | 589 | gas near4 (analy\$4 or concentrat\$4).clm. and vehicle near4 exhaust | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:36 |
| L14 | 122 | gas near4 (analy\$4 or concentrat\$4).clm. and vehicle near4 exhaust.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:40 |
| L15 | 8 | gas near4 (analy\$4 or concentrat\$4).clm. and vehicle near4 exhaust.clm. and remot\$4.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:40 |
| L16 | 27 | gas near4 (analy\$4 or concentrat\$4).clm. and vehicle near4 exhaust.clm. and filter.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:41 |
| L17 | 1 | gas near4 (analy\$4 or concentrat\$4).clm. and vehicle near4 exhaust.clm. and filter adj wheel.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:41 |
| L18 | 1 | gas near4 (analy\$4 or concentrat\$4).clm. and vehicle near4 (emission or exhaust).clm. and filter adj wheel.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:42 |
| L19 | 1 | (infrared or gas) near4 (analy\$4 or concentrat\$4).clm. and vehicle near4 (emission or exhaust).clm. and filter adj wheel. clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:42 |
| L20 | 5 | (infrared or gas) near4 (analy\$4 or concentrat\$4).clm. and (emission or exhaust).clm. and filter adj wheel.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:43 |

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| L21 | 2 | (infrared or gas) near4 (analy\$4 or concentrat\$4).clm. and (emission or exhaust).clm. and rotat\$6 near filter.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:46 |
| L22 | 21 | (infrared or gas) near4 (analy\$4 or concentrat\$4).clm. and (emission or exhaust).clm. and filter near2 (rotat\$6 or chop\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:49 |
| L23 | 39 | (gas or emission or exhause) near4 (analy\$4 or concentrat\$4).clm. and (emission or exhaust).clm. and filter near2 (rotat\$6 or chop\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:50 |
| L24 | 16669 | (gas or emission or exhaust) near4 (infrared analy\$4 or concentrat\$4).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:56 |
| L25 | 687 | (gas or emission or exhaust) near4 (infrared analy\$4 or concentrat\$4).clm. and (vehicle or automobile).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:51 |
| L26 | 2602 | (gas or emission or exhaust) near4 (infrared analy\$4 or concentrat\$4).clm. and (vehicle or automobile or engine).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:55 |
| L27 | 5 | 26 and filter near2 wheel.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:52 |
| L28 | 5 | 26 and chopper.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:54 |
| L29 | 3 | 26 and chopper.clm. and filter.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:53 |
| L30 | 5 | 26 and chopper.clm. and filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:55 |
| L31 | 0 | 26 and detector near4 alter\$4 near4 position | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:58 |
| L32 | 0 | 26 and detector near4 alter\$4 near4 position.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:59 |

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| L33 | 10 | 26 and detector near4 alter\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 17:58 |
| L34 | 0 | 26 and detector near4 alter\$4 near4 position\$4.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 18:00 |
| L35 | 14 | 26 and detector near4 position\$4.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/07/22 18:01 |
| S39 | 160 | 250/339.01.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:02 |
| S40 | 120 | 250/350.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:03 |
| S41 | 290 | 250/338.5.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:03 |
| S42 | 393 | 250/339.11.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:03 |
| S43 | 476 | 250/339.12.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:03 |
| S44 | 383 | 250/339.13.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:03 |
| S45 | 3853 | 250/338.5.ccls. 250/339.01.ccls. 250/339.11.ccls. 250/339.12.ccls. 250/339.13.ccls. 250/341.8.ccls. 250/343.ccls. 250/347.ccls. 250/349.ccls. 250/350.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:18 |
| S46 | 338 | S45 and (vehicle automobile car engine) and (emission or exhaust) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:19 |

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|-----|------|---|---|----|----|------------------|
| S47 | 117 | ("3593023" "3696247" "3743426" "3908167" "3957372" "3958122" "3973848" "4160373" "4390785" "4480191" "4490043" "4544273" "4560873" "4663961" "4719360" "4746218" "4765961" "4795253" "4810884" "4818705" "4829183" "4924095" "4990780" "4999498" "5060505" "5099680" "5105651" "5129257" "5184017" "5210702" "5246868" "5252828" "5306913" "5319199" "5332901" "5343043" "5371367" "5373160" "5386373" "5401967" "5418366" "5451787" "5489777" "5498872" "5572424" "5583765" "5589629" "5591975" "5621166" "5644133" "5693872" "5719396" "5726450" "5731510" "5753185" "5773828" "5831267").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:15 |
| S48 | 425 | S46 S47 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:15 |
| S49 | 3853 | 250/338.5.ccls. 250/339.01.ccls. 250/339.11.ccls. 250/339.12.ccls. 250/339.13.ccls. 250/341.8.ccls. 250/343.ccls. 250/347.ccls. 250/349.ccls. 250/350.ccls. "73""."31".ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:18 |
| S50 | 4888 | 250/338.5.ccls. 250/339.01.ccls. 250/339.11.ccls. 250/339.12.ccls. 250/339.13.ccls. 250/341.8.ccls. 250/343.ccls. 250/347.ccls. 250/349.ccls. 250/350.ccls. 73/23.31.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:19 |
| S51 | 864 | S50 and (vehicle automobile car engine) and (emission or exhaust) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:19 |
| S52 | 942 | S47 S51 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:20 |
| S53 | 391 | S52 and infrared | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:40 |
| S54 | 311 | S53 and filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:40 |
| S55 | 81 | S53 and filter same (wheel or disc) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:48 |
| S56 | 4 | "6455851".pn. "6281498".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 17:48 |
| S57 | 2 | ("5498872" "5807750").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/18 17:49 |
| S58 | 30 | ("5498872").URPN. | USPAT | OR | ON | 2006/03/18 17:50 |

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| S59 | 60 | ("3593023" "3696247" "3743426" "3908167" "3957372" "3958122" "3973848" "3979589" "4160373" "4390785" "4480191" "4490043" "4544273" "4560873" "4663961" "4719360" "4746218" "4765961" "4795253" "4810884" "4818705" "4829183" "4924095" "4990780" "4999498" "5060505" "5099680" "5105651" "5129257" "5184017" "5210702" "5246868" "5252828" "5306913" "5319199" "5327356" "5332901" "5343043" "5371367" "5373160" "5386373" "5401967" "5418366" "5451787" "5479255" "5489777" "5498872" "5572424" "5583765" "5589629" "5591975" "5621166" "5644133" "5693872" "5719396" "5726450" "5731510" "5753185" "5831267" "6396056").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/18 17:50 |
| S60 | 32 | ("2930893" "3171027" "3287556" "3364351" "3696247" "3958122" "3973848" "4126396" "4160373" "4348732" "4390785" "4490845" "4632563" "4678914" "4746218" "4755678" "4795253" "4818705" "4924095" "4963023" "4999498" "5002391" "5041723" "5061854" "5076699" "5210702" "5319199" "5401967").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/18 17:50 |
| S61 | 30 | ("5498872").URPN. | USPAT | OR | ON | 2006/03/18 17:51 |
| S62 | 7 | ("4501968").URPN. | USPAT | OR | ON | 2006/03/18 18:03 |
| S63 | 38 | ("4560873").URPN. | USPAT | OR | ON | 2006/03/18 18:06 |
| S64 | 2 | ("5498872" "5807750").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/18 18:22 |
| S65 | 2 | "4678914".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 18:24 |
| S66 | 66 | (US-5831267-\$ or US-5773828-\$ or US-5753185-\$ or US-5731510-\$ or US-5726450-\$ or US-5719396-\$ or US-5693872-\$ or US-5644133-\$ or US-5621166-\$ or US-5591975-\$ or US-5589629-\$ or US-5583765-\$ or US-5572424-\$ or US-5498872-\$ or US-5489777-\$ or US-5451787-\$ or US-5418366-\$ or US-5401967-\$ or US-5386373-\$ or US-5373160-\$ or US-5371367-\$ or US-5343043-\$ or US-5319199-\$ or US-5306913-\$ or US-5252828-\$ or US-5246868-\$).did. or (US-5210702-\$ or US-5184017-\$ or US-5129257-\$ or US-5105651-\$ or US-5099680-\$ or US-5060505-\$ or US-4999498-\$ or US-4990780-\$ or US-4924095-\$ or US-4829183-\$ or US-4818705-\$ or US-4810884-\$ or US-4795253-\$ or US-4765961-\$ or US-4746218-\$ or US-4719360-\$ or US-4663961-\$ or US-4544273-\$ or US-4560873-\$ or US-4490043-\$ or US-4480191-\$ or US-4390785-\$ or US-3958122-\$ or US-3957372-\$ or US-3908167-\$ or US-3743426-\$ or US-3696247-\$).did. or (US-3593023-\$ or US-6900893-\$ or US-5877862-\$ or US-4479057-\$ or US-4501968-\$ or US-6560545-\$ or US-4998017-\$ or US-5332901-\$ or US-5621213-\$ or US-5811812-\$ or US-6396056-\$ or US-4678914-\$).did. or (US-4420687-\$).did. | USPAT; USOCR | OR | ON | 2006/03/18 18:40 |
| S67 | 212 | didomenico.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 18:40 |
| S68 | 667159 | didomenico, john.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 18:40 |

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|-----|------|--|---|----|----|------------------|
| S69 | 34 | didomenico near john.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 18:41 |
| S70 | 1369 | johnson near james.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 18:41 |
| S71 | 6 | S69 and S70 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 18:43 |
| S72 | 1397 | S69 S70 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 18:43 |
| S73 | 0 | S72 and exhaust | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 18:43 |
| S74 | 93 | S72 and exhaust | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 18:43 |
| S75 | 68 | (US-5831267-\$ or US-5773828-\$ or US-5753185-\$ or US-5731510-\$ or US-5726450-\$ or US-5719396-\$ or US-5693872-\$ or US-5644133-\$ or US-5621166-\$ or US-5591975-\$ or US-5589629-\$ or US-5583765-\$ or US-5572424-\$ or US-5498872-\$ or US-5489777-\$ or US-5451787-\$ or US-5418366-\$ or US-5401967-\$ or US-5386373-\$ or US-5373160-\$ or US-5371367-\$ or US-5343043-\$ or US-5319199-\$ or US-5306913-\$ or US-5252828-\$ or US-5246868-\$).did. or (US-5210702-\$ or US-5184017-\$ or US-5129257-\$ or US-5105651-\$ or US-5099680-\$ or US-5060505-\$ or US-4999498-\$ or US-4990780-\$ or US-4924095-\$ or US-4829183-\$ or US-4818705-\$ or US-4810884-\$ or US-4795253-\$ or US-4765961-\$ or US-4746218-\$ or US-4719360-\$ or US-4663961-\$ or US-4544273-\$ or US-4560873-\$ or US-4490043-\$ or US-4480191-\$ or US-4390785-\$ or US-3958122-\$ or US-3957372-\$ or US-3908167-\$ or US-3743426-\$ or US-3696247-\$).did. or (US-3593023-\$ or US-6900893-\$ or US-5877862-\$ or US-4479057-\$ or US-4501968-\$ or US-6560545-\$ or US-4998017-\$ or US-5332901-\$ or US-5621213-\$ or US-5811812-\$ or US-6396056-\$ or US-4678914-\$ or US-6833922-\$ or US-6744516-\$).did. or (US-4420687-\$).did. | USPAT; USOCR | OR | ON | 2006/03/18 18:56 |
| S76 | 15 | S75 and filter near wheel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/03/18 18:57 |